

Offender Management Network Information Systems Project (OMNI)

Department of Corrections (DOC)

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Presenters

Harold Clarke, Secretary, Department of Corrections

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Purpose of Appearance

DOC will review the status of the project, including the results of Phase II testing and the beginning of Phase III.

Project Status

Phase II

IBM delivered the initial OMNI code for the mainframe environment (Deliverable 8 (D-8)) on May 11, 2005. As part of their own quality testing, IBM ran 1,500 test cases against this code to check for defects prior to delivery to DOC. IBM certified this code as meeting all acceptance criteria as stated in the contract description for D-8.

DOC subsequently began its acceptance testing process by re-running IBM's 1,500 test cases in a mirrored environment to verify IBM's test results. This process began on May 12, 2005 with the intent of completing by May 17, 2005. As of June 15, 2005, this process was 61% complete and had identified 581 potential code defects, of which,

- 189 were verified as code defects (40% Severity 1 and 2),
- 88 were errors in IBM test cases,
- 41 were awaiting DOC review,
- 62 were awaiting IBM review,
- 55 had been fixed, and
- 146 had been dismissed as not valid (duplicates, un-recreatable, usage error, etc.).

IBM has added technical staff to their Olympia team and continues their work to fix all agreed to code defects by June 30, 2005. DOC intends to withhold acceptance of D-8 until agreement is reached on how to address an outstanding defects.

As of June 15, 2005, OMNI did not meet performance requirements in terms of response time, concurrent users, and transaction volumes. There is also disagreement between DOC and IBM on the definition of performance requirements for OMNI. This issue has been escalated to executive management for resolution. In an effort to improve performance, IBM is upgrading the application server and tuning the database. DOC will receive a progress report on these actions as they occur.

Phase III

DOC, IBM, and DIS have identified an approach for initial planning of Phase III work. This approach will result in the development of a phased project plan which will specify short-term planning requirements as well as a long-term development and implementation strategy for OMNI Phase III. This plan will identify the project scope, deliverables, responsibilities, schedule (including key milestones), and budget to be followed for Phase III.

DOC is in the process of drafting an amendment to the contract with IBM to reflect this approach. The amendment will not exceed the \$100,000 authorized at the May 12, 2005 ISB meeting. DOC will provide a progress report at the July 14, 2005 ISB meeting and a subsequent report to the Board in late July or early August when the work is completed.

Variances

- Schedule: As of June 15, 2005, the Phase II schedule was delayed 5.5 weeks due to the late delivery of D-8 and the current acceptance testing process. This will compress the time available for remaining Phase II deliverables, D-9 UAT and D-10 Final documentation.
- Budget/Cost: No variances. The project is within the amended Phase II budget. At the May 12, 2005 ISB meeting, the Board approved expenditure of \$100,000 to begin planning for Phase III.
- Scope: The contract requires D-8 to pass certain test cases. As of June 15, 2005, DOC has identified 581 potential code defects.

Issues

1. It is unclear at this time whether the defect resolution process will close all defects prior to June 30, 2005.
2. The schedule delays caused by the D-8 code testing increased the risk that Phase II may not be completed by June 30, 2005.

Staff Recommendations to the Board

By July 14, 2005 DOC should provide the ISB:

A report outlining any unresolved Phase II deliverables/project issues, including a schedule, mitigation strategy, and budget description to ensure their successful completion.

By August 5, 2005 DOC should provide the ISB:

A project plan defining Phase III scope, deliverables, and budget requirements for review and consideration.

Previous Agency Appearances Before the Board

May 12, 2005: The Board authorized DOC to expend up to \$100,000 for the OMNI project beginning July of 2005 to begin planning for Phase III and subsequent deliverables. The Board also required the results of that planning be presented to the Board for review and consideration at a meeting in late July or early August. The Board requested a status update on this Phase III planning at the July 14, 2005 meeting.